

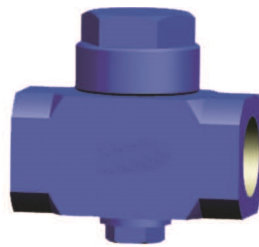
FLOTECS
Fluid/Flue solutions®

THERMODYNAMIC STEAM TRAP

THERMODYNAMIC STEAM TRAP



TD16, TD42



TD52



CS49

PRODUCT INTRODUCTION

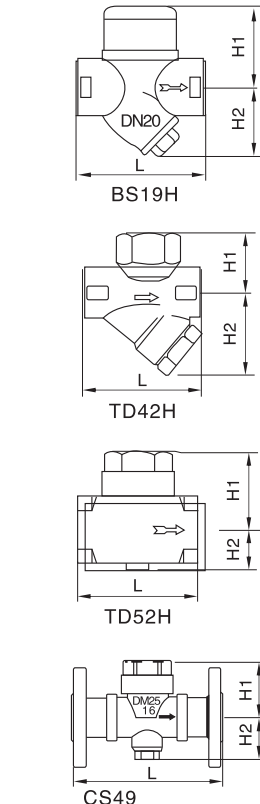
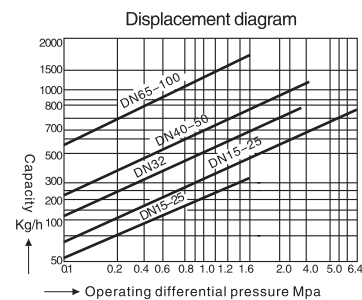
This trap is designed according to the principle of dynamics. When the condense water and steam on viscosity and density drive the switching part. This trap has applications in steam, heat, process pipelines and steam equipment.

ADVANTAGE

They are compact, simple, lightweight and have a large condensate capacity for their size. Thermodynamic traps can be used on high pressure and superheated steam and are not affected by waterhammer or vibration.

MAIN PARTS MATERIALS

Parts name	Materials
Body, bonnet	Carbon steel (A105), Stainless Steel
Seat Valve plate	Stainless Steel



MAIN CONNECTION SIZE

Model	Nominal diameter DN	Pressure range Mpa	Max allowable	External dimensions(mm)					
				Thread, SW			Flange		
				L	H1	H2	L1	H1	H2
BCS19H BCS69H BCS49H	15-20	0.01~1.6 2.5, 4.0	425	90	55	48	150	55	50
	25			90	55	48	160	55	50
	32			120	68	78	230	68	78
	40			120	70	78	230	75	83
	50			140	80	83	230	80	83
	65					250	90	95	
	100					310	150	165	
CS19H CS69H CS49H (Td16, 32, 42)	15	0.01~1.6 3.2, 4.2	425	80	47	54	150	47	54
	20			90	52	59	150	52	59
	25			95	59	62	160	59	62
	32			105	70.5	89.5	210	70.5	89.5
	40			110	70.5	89.5	230	70.5	89.5
	50			120	71	104	230	71	104
	65					270	107	87	
16C CS49H-25C 40C	65	0.01~4.0	350				270	107	87
	80						280	115	94
	100						320	120	104

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